

Title (en)

SYSTEM AND METHOD FOR SELECTIVE APPLICATION OF COSMETIC COMPOSITION TO IMPART UNDEREYE BRIGHTENING

Title (de)

SYSTEM UND VERFAHREN ZUR SELEKTIVEN ANWENDUNG EINER KOSMETISCHEN ZUSAMMENSETZUNG ZUR VERLEIHUNG VON
AUFHELLUNG UNTER DEM AUGE

Title (fr)

SYSTÈME ET PROCÉDÉ D'APPLICATION SÉLECTIVE D'UNE COMPOSITION COSMÉTIQUE POUR CONFÉRER UN ÉCLAIRCISSEMENT
SOUS LES YEUX

Publication

EP 4188196 A1 20230607 (EN)

Application

EP 21759503 A 20210730

Priority

- US 202062706150 P 20200803
- US 2021071079 W 20210730

Abstract (en)

[origin: US2022032025A1] A device and method for selectively applying a composition to a treatment surface (e.g., skin) to alter an aesthetic appearance of the skin in the undereye region of the face. The device includes an applicator applying the composition to the skin, and a detector obtaining image data corresponding to an image of an area of skin. The device generates a target reflectance value based on the image data and past image data. The target reflectance value is higher than reflectance of at least half of areas corresponding to the image data and past image data. The device determines a desired level of reflectance modification for a location within the area of skin imaged by comparing image data corresponding to reflectance of the location to the target reflectance value, and directs the applicator to selectively apply the composition to the location based on the desired level of reflectance modification.

IPC 8 full level

A61B 5/00 (2006.01)

CPC (source: EP KR US)

A45D 34/04 (2013.01 - KR US); **A61B 5/0036** (2018.08 - EP KR); **A61B 5/0064** (2013.01 - EP KR); **A61B 5/0082** (2013.01 - US);
A61B 5/0088 (2013.01 - EP KR); **A61B 5/103** (2013.01 - US); **A61B 5/441** (2013.01 - EP KR); **A61M 35/003** (2013.01 - KR US);
A61M 2205/3306 (2013.01 - KR US); **A61M 2205/52** (2013.01 - KR US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

US 12011561 B2 20240618; **US 2022032025 A1 20220203**; AU 2021321595 A1 20230406; BR 112023002023 A2 20230307;
CA 3190711 A1 20220210; CN 116634925 A 20230822; EP 4188196 A1 20230607; JP 2023536884 A 20230830; KR 20230047155 A 20230406;
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US 202117444136 A 20210730; AU 2021321595 A 20210730; BR 112023002023 A 20210730; CA 3190711 A 20210730;
CN 202180057950 A 20210730; EP 21759503 A 20210730; JP 2023507434 A 20210730; KR 20237007500 A 20210730;
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